

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 June 2004 (10.06.2004)

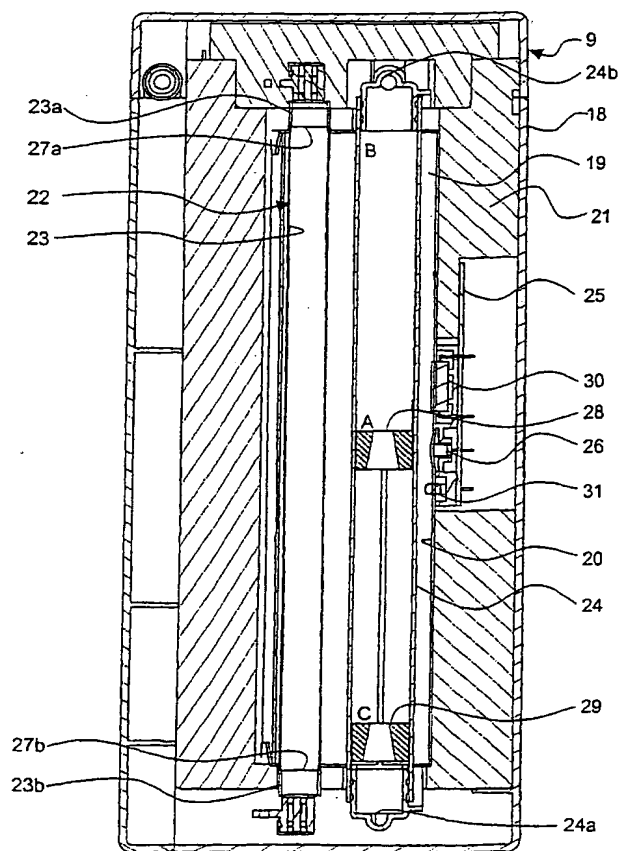
PCT

(10) International Publication Number
WO 2004/048276 A1

- (51) International Patent Classification⁷: **C02F 1/32**
- (21) International Application Number: **PCT/SE2003/001804**
- (22) International Filing Date:
20 November 2003 (20.11.2003)
- (25) Filing Language: **Swedish**
- (26) Publication Language: **English**
- (30) Priority Data:
0203470-0 22 November 2002 (22.11.2002) SE
- (71) Applicant (for all designated States except US):
DOMETIC AB [SE/SE]; Box 502, S-562 28 Norrhammar (SE).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **HEGMEGI, Zsolt** [SE/SE]; Norråsagatan 19, S-SE-571 32 Nässjö (SE).
- (74) Agents: **WENNBORG, Johan et al.**; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).
- (81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,

[Continued on next page]

(54) Title: METHOD AND DEVICE FOR PURIFICATION OF A LIQUID



(57) **Abstract:** Method for purification of a liquid, which method comprises the steps of; conducting the liquid through a purifying chamber (19), activating a UV light source (22) comprising a gas for lighting and illuminating the liquid in the chamber by the UV-light source. In order to increase the efficiency and shortening the start-up time of the UV light source, the gas is heated to an increased temperature prior to activating the UV light source for lighting, using a heating element which is placed outside the UV light source.

WO 2004/048276 A1